

AI
a dielectric layer formed on said second layer of ferromagnetic material.

Please amend claim 64 as follows.

64. (AMENDED) A magnetoresistive read head with laminated magnetic shields comprising:

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a first laminated magnetic shield;

a magnetoresistive sensor element formed on said first laminated magnetic shield;

a second laminated magnetic shield formed on said magnetoresistive sensor element;

wherein the first laminated magnetic shield comprises:

a substrate;

a first layer of ferromagnetic material formed on said substrate;

a first layer of CoFe formed on said first layer of ferromagnetic material;

a layer of ruthenium formed on said first layer of CoFe;

a second layer of CoFe formed on said layer of ruthenium;

a second layer of ferromagnetic material formed on said second layer of CoFe;

a dielectric layer formed on said second layer of ferromagnetic material.

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Please amend claim 77 as follows.

77. (AMENDED) A magnetoresistive read head with laminated magnetic shields comprising:

a first laminated magnetic shield;

a magnetoresistive sensor element formed on said first laminated magnetic shield;

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a second laminated magnetic shield formed on said magnetoresistive sensor element;

wherein the second laminated magnetic shield comprises:

a substrate;

a layer of Al_2O_3 of thickness between 0.5 microns and 10 microns formed on said substrate;

a first layer of ferromagnetic material formed on said layer of Al_2O_3 ;

a layer of ruthenium formed on said first layer of ferromagnetic material;

a second layer of ferromagnetic material formed on said layer of

ruthenium;

a dielectric layer formed on said second layer of ferromagnetic material.

Please amend claim 89 as follows.

89. (AMENDED) A magnetoresistive read head with laminated magnetic shields comprising:

a first laminated magnetic shield;

a magnetoresistive sensor element formed on said first laminated magnetic shield;

a second laminated magnetic shield formed on said magnetoresistive sensor element;

wherein the second laminated magnetic shield comprises:

a substrate;

a first layer of ferromagnetic material formed on said substrate;

a first layer of CoFe formed on said first layer of ferromagnetic material;

a layer of ruthenium formed on said first layer of CoFe;

a second layer of CoFe formed on said layer of ruthenium;

a second layer of ferromagnetic material formed on said second layer of CoFe;

a dielectric layer formed on said second layer of ferromagnetic material.
